

[0020] FIGS. 2 and 3 each show a planar view of an underbody of the body 10 from above. The planar view of FIG. 2 includes reinforcements 60, 62 disposed on the floor panel 20, while the reinforcements 60, 62 are removed in the planar view of FIG. 3.

[0021] As shown in FIGS. 2 and 3, the floor panel 20 includes a front floor panel 20a, a rear floor panel 20b, and a luggage floor panel 20c. From the front to rear of the vehicle, the front floor panel 20a, the rear floor panel 20b, and the luggage floor panel 20c are arranged in this order. Each of the front floor panel 20a, the rear floor panel 20b, and the luggage floor panel 20c consists of a single steel plate (a single plate). A front edge 21 of the rear floor panel 20b is welded to the front floor panel 20a. A rear edge 22 of the rear floor panel 20b is welded to the luggage floor panel 20c. That is, the rear floor panel 20b constitutes a portion of the floor panel 20 between the front edge 21 to the rear edge 22. The front floor panel 20a and the rear floor panel 20b constitute a cabin floor. The luggage floor panel 20c constitutes a luggage space floor.

[0022] As shown in FIGS. 2 and 3, a pair of rockers (a left rocker 30 and a right rocker 32) is disposed at both of side edges of the floor panel 20, respectively. FIG. 4 shows a cross-sectional view of the underbody cut at a position including the left rocker 30 and the right rocker 32 (at a position of line IV-IV in FIG. 2). As shown in FIG. 4, the left rocker 30 includes an inner rocker 30a and an outer rocker 30b. Each of the inner rocker 30a and the outer rocker 30b is an elongated member having a U-shaped cross section, and extends long in a front-rear direction. The inner rocker 30a and the outer rocker 30b are assembled and welded to each other such that they form an inner space. Thus, the left rocker 30 has a hollow prism shape and extends long in the front-rear direction. As shown in FIGS. 2 and 3, the left rocker 30 is arranged along the left edge of the floor panel 20. The left rocker 30 is joined to the front floor panel 20a and the rear floor panel 20b, for example, by welding. As shown in FIG. 4, the right rocker 32 includes an inner rocker 32a and an outer rocker 32b joined to each other, similar to the left rocker 30. The right rocker 32 has a hollow prism shape and extends long in the front-rear direction. As shown in FIGS. 2 and 3, the right rocker 32 is arranged along the right edge of the floor panel 20. The right rocker 32 is joined to the front floor panel 20a and the rear floor panel 20b, for example, by welding.

[0023] As shown in FIGS. 2 and 3, a pair of wheel house panels (a left wheel house panel 34 and a right wheel house panel 36) is disposed at both of the side edges of the floor panel 20, respectively. The left wheel house panel 34 is fixed to the left edge of the floor panel 20 at a position rearward of the left rocker 30. The left wheel house panel 34 is a concavely curved plate and is fixed to the floor panel 20 with the concave portion facing outward and downward. The concave portion of the left wheel house panel 34 houses a left rear tire, for example. The left wheel house panel 34 is joined to the rear floor panel 20b and the like, for example, by welding. The right wheel house panel 36 is fixed to the right edge of the floor panel 20 at a position rearward of the right rocker 32. The right wheel house panel 36 is a concavely curved plate and is fixed to the floor panel 20 with the concave portion facing outward and downward. The concave portion of the right wheel house panel 36 houses a

right rear tire, for example. The right wheel house panel 36 is joined to the rear floor panel 20b and the like, for example, by welding.

[0024] As shown in FIGS. 2 and 3, an indoor floor crossmember 40 and a rear floor crossmember 44 are disposed on an upper surface of the rear floor panel 20b.

[0025] FIG. 5 is a perspective view of an area including the indoor floor crossmember 40 and the rear floor crossmember 44 from a right-front side. FIG. 6 is a cross-sectional view of the underbody along a line VI-VI in FIG. 2. As shown in FIGS. 5 and 6, the indoor floor crossmember 40 is a member having a beam shape and a U-shaped cross section. The indoor floor crossmember 40 is disposed to protrude upward from the rear floor panel 20b. The indoor floor crossmember 40 extends long in a right-left direction. As shown in FIGS. 2 and 3, the indoor floor crossmember 40 extends from the left rocker 30 to the right rocker 32. The indoor floor crossmember 40 is joined to the rear floor panel 20b, the left rocker 30, and the right rocker 32, for example, by welding.

[0026] As shown in FIGS. 5 and 6, the rear floor crossmember 44 is a member having a beam shape and a U-shaped cross section. The rear floor crossmember 44 is disposed to protrude upward from the rear floor panel 20b. The rear floor crossmember 44 extends long in the right-left direction. The rear floor crossmember 44 is located rearward of the indoor floor crossmember 40. As shown in FIGS. 2 and 3, the rear floor crossmember 44 extends from the left wheel house panel 34 to the right wheel house panel 36. The rear floor crossmember 44 is joined to the rear floor panel 20b, the left wheel house panel 34, and the right wheel house panel 36, for example, by welding.

[0027] As shown in FIGS. 6 and 7, an outdoor floor crossmember 42 is disposed on a lower surface of the rear floor panel 20b. The outdoor floor crossmember 42 is a member having a beam shape and a U-shaped cross section. The outdoor floor crossmember 42 is disposed to protrude downward from the rear floor panel 20b. The outdoor floor crossmember 42 extends long in the right-left direction. The outdoor floor crossmember 42 is located rearward of the indoor floor crossmember 40. The outdoor floor crossmember 42 is located frontward of the rear floor crossmember 44. The outdoor floor crossmember 42 extends from the left rocker 30 to the right rocker 32. The outdoor floor crossmember 42 is joined to the rear floor panel 20b, the left rocker 30, and the right rocker 32, for example, by welding, bolts, and/or the like.

[0028] As shown in FIG. 3, in the planar view of the underbody from above, a portion of the floor panel 20 that is within a range 90 surrounded by the indoor floor crossmember 40, the outdoor floor crossmember 42, the left rocker 30, and the right rocker 32 consists of the rear floor panel 20b (i.e., a single panel). In other words, there are no joint sites of panels (e.g., a joint site (the front edge 21) between the front floor panel 20a and the rear floor panel 20b, a joint site (the rear edge 22) between the rear floor panel 20b and the luggage floor panel 20c) within the range 90. Further, the portion of the rear floor panel 20b within the range 90 is provided with a plurality of through holes 92. Although not shown, members such as various types of hoses, wires, and caps are disposed at the through holes 92. Although not shown, a water blocking treatment is applied to each of the through holes 92.